

# SEQUENCE LISTING



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<120> Methods of Inhibiting Inflammation

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<140> 10/808,052

<141> 2004-03-24

<150> 60/457,048

<151> 2003-03-24

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<170> PatentIn Ver. 2.1

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| His Gly Lys Val Lys Glu Phe Tyr Ser Tyr Gln Asn Glu Ala Val Ala | 130 | 135 | 140 |
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 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 primer

<400> 8  
 gtgggccgct ctaggcacca a

21

<210> 9  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 primer

<400> 9  
 ctctttgatg tcacgcacga tttc

24

<210> 10  
 <211> 25  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 primer

<400> 10  
 ggactttttg gatttcaaaa gtgac

25

<210> 11  
 <211> 265  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> VARIANT  
 <222> (1)..(261)  
 <223> Wherein Xaa is any amino acid.

<400> 11  
Met Asp Pro Pro Arg Pro Ala Leu Leu Ala Leu Leu Ala Xaa Pro Xaa  
1 5 10 15  
Leu Leu Leu Leu Leu Leu Ala Gly Ala Arg Xaa Glu Glu Glu Xaa Leu  
20 25 30  
Glu Asn Val Xaa Leu Val Cys Pro Lys Asp Xaa Thr Arg Phe Xaa His  
35 40 45  
Leu Xaa Lys Xaa Xaa Tyr Asn Tyr Glu Ala Glu Ser Ser Ser Gly Val  
50 55 60  
Pro Gly Thr Ala Xaa Ser Arg Ser Ala Thr Arg Xaa Asn Cys Lys Xaa  
65 70 75 80  
Glu Leu Glu Val Pro Gln Leu Cys Ser Phe Ile Leu Lys Xaa Ser Gln  
85 90 95  
Cys Thr Leu Lys Glu Val Tyr Gly Phe Asn Pro Glu Gly Lys Ala Leu  
100 105 110  
Leu Lys Lys Thr Lys Asn Ser Xaa Glu Xaa Ala Ala Ala Met Ser Arg  
115 120 125  
Xaa Glu Leu Lys Leu Ala Ile Pro Glu Gly Lys Gln Val Phe Leu Tyr  
130 135 140  
Pro Glu Lys Asp Glu Pro Thr Tyr Ile Leu Asn Ile Lys Arg Gly Ile  
145 150 155 160  
Ile Ser Ala Leu Leu Val Pro Pro Glu Xaa Glu Glu Ala Lys Gln Xaa  
165 170 175  
Leu Phe Xaa Asp Thr Val Tyr Gly Asn Cys Ser Thr His Phe Thr Val  
180 185 190  
Lys Thr Arg Xaa Gly Asn Xaa Ala Thr Xaa Xaa Ser Thr Glu Arg Asp  
195 200 205  
Leu Gly Gln Cys Asp Arg Phe Lys Pro Ile Arg Thr Gly Ile Ser Pro  
210 215 220  
Xaa Ala Leu Ile Lys Gly Met Xaa Arg Pro Leu Ser Thr Leu Ile Xaa  
225 230 235 240  
Ser Xaa Gln Ser Cys Gln Xaa Thr Leu Asp Ala Lys Arg Lys His Val  
245 250 255  
Ala Glu Xaa Xaa Cys Lys Glu Gln  
260

<210> 12  
<211> 335  
<212> PRT  
<213> Homo sapiens

<220>  
<221> VARIANT  
<222> (1)..(335)  
<223> Wherein Xaa is any amino acid.

<400> 12  
 Met Gly Cys Leu Leu Phe Leu Leu Leu Trp Ala Leu Leu Gln Ala Trp  
 1 5 10 15  
 Gly Ser Ala Glu Val Pro Gln Arg Leu Phe Pro Leu Arg Cys Leu Gln  
 20 25 30  
 Xaa Ser Xaa Phe Ala Asn Ser Ser Trp Thr Arg Thr Asp Xaa Leu Ala  
 35 40 45  
 Trp Xaa Gly Glu Leu Gln Xaa His Ser Trp Ser Asn Asp Xaa Asp Thr  
 50 55 60  
 Val Xaa Ser Leu Xaa Pro Xaa Xaa Gln Gly Thr Phe Ser Asp Gln Gln  
 65 70 75 80  
 Trp Glu Thr Leu Gln His Ile Phe Arg Val Tyr Arg Ser Ser Phe Thr  
 85 90 95  
 Arg Asp Val Lys Xaa Phe Ala Lys Met Leu Arg Xaa Ser Tyr Pro Xaa  
 100 105 110  
 Glu Leu Gln Val Ser Ala Gly Cys Glu Val His Pro Gly Asn Ala Xaa  
 115 120 125  
 Asn Asn Phe Phe His Val Ala Phe Gln Gly Lys Asp Ile Leu Ser Phe  
 130 135 140  
 Gln Gly Thr Ser Trp Glu Pro Thr Gln Glu Ala Pro Leu Trp Val Asn  
 145 150 155 160  
 Leu Ala Ile Gln Val Leu Asn Gln Xaa Lys Xaa Thr Arg Glu Thr Val  
 165 170 175  
 Gln Xaa Leu Leu Asn Gly Thr Cys Pro Gln Phe Val Ser Gly Leu Leu  
 180 185 190  
 Glu Ser Gly Lys Ser Glu Leu Lys Lys Gln Val Lys Pro Lys Ala Trp  
 195 200 205  
 Leu Ser Arg Gly Pro Xaa Pro Gly Pro Gly Arg Xaa Leu Leu Xaa Cys  
 210 215 220  
 His Val Ser Gly Phe Tyr Pro Lys Pro Val Trp Val Lys Trp Met Xaa  
 225 230 235 240  
 Gly Glu Gln Glu Gln Gln Gly Thr Gln Pro Gly Asp Xaa Leu Pro Asn  
 245 250 255  
 Ala Asp Glu Thr Trp Tyr Leu Arg Ala Thr Leu Xaa Xaa Val Ala Gly  
 260 265 270  
 Glu Ala Ala Gly Leu Ser Cys Arg Val Lys His Ser Ser Leu Glu Gly  
 275 280 285  
 Gln Asp Xaa Val Leu Tyr Trp Gly Gly Xaa Tyr Thr Ser Met Gly Leu  
 290 295 300  
 Ile Xaa Leu Xaa Val Leu Ala Cys Leu Leu Phe Leu Leu Ile Val Gly  
 305 310 315 320  
 Xaa Thr Ser Arg Phe Lys Arg Gln Thr Ser Tyr Gln Xaa Xaa Leu  
 325 330 335

<210> 13  
 <211> 210  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> VARIANT  
 <222> (1)..(210)  
 <223> Wherein Xaa is any amino acid.

<400> 13  
 Lys Cys Val Gln Ser Xaa Lys Pro Ser Leu Met Ile Gln Lys Ala Xaa  
 1 5 10 15  
 Xaa Gln Ala Leu Arg Lys Met Glu Pro Lys Asp Lys Asp Gln Glu Val  
 20 25 30  
 Leu Leu Gln Thr Phe Leu Asp Asp Ala Ser Pro Gly Asp Xaa Arg Xaa  
 35 40 45  
 Ala Ala Xaa Leu Met Xaa Xaa Arg Ser Pro Ser Gln Ala Asp Xaa Asn  
 50 55 60  
 Lys Ile Val Gln Xaa Leu Pro Trp Glu Gln Asn Glu Gln Val Lys Asn  
 65 70 75 80  
 Xaa Val Ala Xaa His Ile Ala Asn Xaa Leu Asn Ser Glu Glu Xaa Asp  
 85 90 95  
 Xaa Gln Asp Leu Lys Lys Leu Val Xaa Glu Ala Xaa Lys Glu Ser Gln  
 100 105 110  
 Leu Pro Thr Val Met Asp Phe Arg Lys Phe Ser Arg Asn Tyr Gln Leu  
 115 120 125  
 Tyr Lys Ser Val Xaa Leu Pro Ser Leu Asp Pro Xaa Ser Xaa Lys Ile  
 130 135 140  
 Glu Gly Asn Leu Xaa Phe Asp Pro Asn Asn Xaa Leu Pro Lys Glu Ser  
 145 150 155 160  
 Met Xaa Xaa Thr Thr Leu Thr Ala Phe Gly Phe Ala Ser Xaa Asp Xaa  
 165 170 175  
 Xaa Glu Ile Xaa Leu Glu Gly Lys Gly Phe Glu Pro Thr Leu Xaa Ala  
 180 185 190  
 Xaa Phe Gly Lys Gln Xaa Phe Phe Pro Xaa Ser Val Asn Lys Ala Leu  
 195 200 205  
 Tyr Trp  
 210

<210> 14  
 <211> 301  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> VARIANT  
 <222> (1)..(301)  
 <223> Wherein Xaa is any amino acid.

<400> .14  
Phe Ser Tyr Asn Asn Lys Tyr Gly Met Val Ala Gln Val Thr Gln Thr  
1 5 10 15  
Leu Lys Leu Glu Asp Thr Pro Lys Ile Asn Ser Arg Phe Phe Gly Glu  
20 25 30  
Gly Thr Xaa Lys Met Gly Leu Ala Xaa Glu Ser Thr Lys Ser Thr Ser  
35 40 45  
Pro Pro Lys Xaa Ala Glu Ala Val Xaa Xaa Xaa Leu Gln Glu Leu Lys  
50 55 60  
Lys Leu Thr Ile Ser Xaa Gln Xaa Ile Gln Arg Ala Xaa Leu Phe Asn  
65 70 75 80  
Xaa Xaa Val Thr Glu Leu Arg Gly Leu Ser Asp Glu Ala Val Thr Ser  
85 90 95  
Xaa Leu Pro Gln Leu Ile Glu Xaa Ser Ser Pro Xaa Xaa Leu Gln Ala  
100 105 110  
Leu Val Gln Cys Gly Xaa Pro Gln Cys Ser Thr His Ile Xaa Gln Xaa  
115 120 125  
Leu Lys Xaa Val His Ala Asn Pro Leu Leu Ile Asp Val Val Thr Tyr  
130 135 140  
Leu Val Ala Leu Xaa Pro Glu Pro Ser Ala Gln Gln Xaa Arg Glu Ile  
145 150 155 160  
Phe Asn Met Ala Arg Xaa Gln Arg Ser Arg Ala Thr Leu Tyr Ala Leu  
165 170 175  
Ser His Ala Val Asn Asn Tyr His Lys Xaa Asn Pro Xaa Gly Thr Gln  
180 185 190  
Glu Leu Xaa Asp Ile Ala Asn Xaa Leu Met Glu Gln Ile Gln Asp Asp  
195 200 205  
Cys Xaa Gly Asp Glu Asp Tyr Thr Tyr Leu Xaa Leu Arg Xaa Ile Gly  
210 215 220  
Asn Met Gly Gln Thr Met Glu Gln Leu Thr Pro Glu Leu Lys Ser Xaa  
225 230 235 240  
Ile Leu Lys Cys Val Gln Ser Thr Lys Pro Ser Xaa Xaa Ile Gln Lys  
245 250 255  
Ala Ala Ile Gln Xaa Leu Arg Lys Met Glu Pro Lys Asp Lys Asp Gln  
260 265 270  
Xaa Xaa Xaa Leu Gln Thr Phe Leu Asp Asp Ala Ser Pro Gly Asp Lys  
275 280 285  
Arg Leu Ala Ala Tyr Leu Met Leu Xaa Arg Ser Pro Ser  
290 295 300

<210> 15  
<211> 335  
<212> PRT  
<213> Homo sapiens

<220> .  
 <221> VARIANT  
 <222> (1)..(335)  
 <223> Wherein Xaa is any amino acid.

<400> 15

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Gly | Cys | Leu | Leu | Phe | Leu | Leu | Leu | Trp | Ala | Leu | Leu | Gln | Ala | Trp |
| 1   |     |     |     | 5   |     |     |     |     | 10  |     |     |     |     | 15  |     |
| Gly | Ser | Ala | Glu | Val | Pro | Gln | Arg | Leu | Phe | Pro | Leu | Arg | Cys | Leu | Gln |
|     |     |     | 20  |     |     |     |     | 25  |     |     |     |     | 30  |     |     |
| Ile | Ser | Ser | Phe | Ala | Asn | Ser | Ser | Trp | Thr | Arg | Thr | Asp | Gly | Leu | Ala |
|     |     | 35  |     |     |     |     | 40  |     |     |     |     | 45  |     |     |     |
| Trp | Leu | Gly | Glu | Leu | Gln | Thr | His | Xaa | Trp | Ser | Asn | Asp | Ser | Asp | Thr |
|     | 50  |     |     |     |     | 55  |     |     |     |     | 60  |     |     |     |     |
| Val | Arg | Xaa | Xaa | Lys | Pro | Trp | Ser | Gln | Gly | Thr | Phe | Ser | Asp | Gln | Gln |
|     | 65  |     |     |     | 70  |     |     |     |     | 75  |     |     |     |     | 80  |
| Trp | Glu | Thr | Leu | Gln | His | Ile | Phe | Arg | Val | Tyr | Arg | Ser | Ser | Phe | Thr |
|     |     |     |     | 85  |     |     |     |     | 90  |     |     |     |     |     | 95  |
| Xaa | Asp | Xaa | Lys | Glu | Xaa | Ala | Lys | Xaa | Xaa | Arg | Leu | Ser | Tyr | Pro | Leu |
|     |     |     | 100 |     |     |     |     | 105 |     |     |     |     | 110 |     |     |
| Glu | Leu | Gln | Xaa | Ser | Ala | Gly | Cys | Glu | Xaa | His | Pro | Gly | Asn | Ala | Ser |
|     |     | 115 |     |     |     |     | 120 |     |     |     |     | 125 |     |     |     |
| Asn | Asn | Phe | Phe | His | Val | Ala | Phe | Gln | Gly | Lys | Asp | Ile | Leu | Ser | Phe |
|     | 130 |     |     |     |     | 135 |     |     |     |     | 140 |     |     |     |     |
| Gln | Gly | Thr | Ser | Xaa | Glu | Pro | Xaa | Gln | Glu | Ala | Pro | Xaa | Trp | Val | Asn |
|     | 145 |     |     |     | 150 |     |     |     |     | 155 |     |     |     |     | 160 |
| Leu | Ala | Xaa | Gln | Xaa | Leu | Asn | Gln | Asp | Lys | Trp | Thr | Xaa | Glu | Thr | Xaa |
|     |     |     |     | 165 |     |     |     |     | 170 |     |     |     |     | 175 |     |
| Gln | Trp | Leu | Leu | Asn | Gly | Thr | Cys | Pro | Gln | Phe | Val | Ser | Gly | Leu | Leu |
|     |     | 180 |     |     |     |     |     | 185 |     |     |     |     | 190 |     |     |
| Glu | Ser | Gly | Lys | Ser | Glu | Leu | Lys | Lys | Gln | Val | Lys | Pro | Lys | Xaa | Trp |
|     |     | 195 |     |     |     |     | 200 |     |     |     |     | 205 |     |     |     |
| Leu | Ser | Arg | Gly | Pro | Xaa | Pro | Xaa | Pro | Gly | Arg | Leu | Leu | Leu | Xaa | Cys |
|     | 210 |     |     |     |     | 215 |     |     |     |     | 220 |     |     |     |     |
| His | Val | Ser | Gly | Xaa | Tyr | Pro | Lys | Pro | Val | Trp | Val | Lys | Trp | Xaa | Xaa |
|     | 225 |     |     |     | 230 |     |     |     |     | 235 |     |     |     |     | 240 |
| Gly | Glu | Gln | Glu | Gln | Gln | Gly | Thr | Gln | Pro | Xaa | Asp | Xaa | Xaa | Pro | Asn |
|     |     |     |     | 245 |     |     |     |     | 250 |     |     |     |     | 255 |     |
| Xaa | Asp | Glu | Thr | Trp | Tyr | Leu | Arg | Ala | Thr | Leu | Xaa | Val | Xaa | Ala | Gly |
|     |     |     | 260 |     |     |     |     | 265 |     |     |     |     | 270 |     |     |
| Glu | Ala | Xaa | Gly | Leu | Ser | Cys | Arg | Val | Lys | His | Ser | Ser | Leu | Xaa | Gly |
|     |     | 275 |     |     |     |     | 280 |     |     |     |     | 285 |     |     |     |
| Gln | Asp | Ile | Val | Leu | Tyr | Trp | Gly | Gly | Ser | Tyr | Thr | Ser | Met | Gly | Leu |
|     | 290 |     |     |     |     | 295 |     |     |     |     | 300 |     |     |     |     |

Ile Ala Leu Ala Val Leu Ala Cys Leu Leu Phe Leu Leu Ile Val Gly  
 305 310 315 320

Phe Thr Ser Arg Phe Lys Arg Gln Thr Ser Tyr Gln Gly Val Leu  
 325 330 335

<210> 16

<211> 335

<212> PRT

<213> Homo sapiens

<220>

<221> VARIANT

<222> (1)..(335)

<223> Wherein Xaa is any amino acid.

<400> 16

Met Gly Cys Leu Leu Phe Leu Leu Leu Trp Ala Leu Leu Gln Ala Trp  
 1 5 10 15

Gly Ser Ala Glu Val Pro Gln Arg Leu Phe Pro Leu Arg Cys Leu Gln  
 20 25 30

Ile Ser Ser Phe Ala Asn Ser Ser Trp Thr Xaa Thr Asp Gly Leu Ala  
 35 40 45

Xaa Leu Gly Glu Leu Gln Thr His Ser Trp Ser Xaa Asp Ser Asp Thr  
 50 55 60

Xaa Xaa Xaa Leu Lys Pro Trp Ser Gln Gly Thr Phe Ser Xaa Gln Xaa  
 65 70 75 80

Trp Glu Thr Leu Xaa His Ile Phe Xaa Xaa Tyr Arg Ser Ser Phe Thr  
 85 90 95

Arg Asp Val Lys Glu Phe Ala Lys Xaa Leu Arg Leu Ser Tyr Pro Xaa  
 100 105 110

Glu Leu Gln Xaa Xaa Ala Gly Cys Glu Val His Pro Gly Xaa Ala Ser  
 115 120 125

Asn Asn Phe Phe His Xaa Ala Xaa Gln Gly Xaa Asp Ile Leu Ser Phe  
 130 135 140

Gln Gly Thr Ser Trp Glu Pro Thr Gln Glu Ala Pro Xaa Trp Val Asn  
 145 150 155 160

Leu Ala Ile Gln Xaa Leu Asn Gln Asp Lys Trp Thr Arg Xaa Thr Val  
 165 170 175

Gln Trp Leu Leu Asn Gly Thr Cys Pro Gln Phe Val Ser Gly Leu Leu  
 180 185 190

Glu Xaa Gly Lys Xaa Glu Leu Lys Lys Gln Xaa Lys Pro Lys Ala Xaa  
 195 200 205

Leu Ser Arg Gly Pro Ser Pro Gly Pro Gly Arg Leu Leu Leu Val Cys  
 210 215 220

His Val Xaa Gly Phe Tyr Pro Lys Pro Val Trp Xaa Lys Trp Xaa Arg  
 225 230 235 240

Gly Glu Gln Glu Gln Gln Gly Thr Gln Pro Gly Asp Ile Leu Pro Asn

16